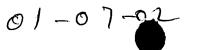
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PTO/SB/05 (11-00)
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UTILITY **PATENT APPLICATION TRANSMITTAL**

D4840 CIP Attorney Docket No. Ning Lei First Inventor Fuel Injector With Direct Needle Valve Control FL 781227664 US

(Only for new nonprovision	nal applications under 37 CFR 1.53(b	o)) Expre	ss Mail Label No.		70122	.700+05
APPLICA	TION ELEMENTS	AL		sistant Cor		oner for Patents
See MPEP chapter 600 cond	cerning utility patent application conte	ents.		ashington,		
1. Fee Transmittal F (Submit an original and a Applicant claims s See 37 CFR 1.27 3. Specification (preferred arrangemen - Descriptive title - Cross Reference - Statement Reg - Reference to se or a computer p - Background of - Brief Summary	orm (e.g., PTO/SB/17) duplicate for fee processing) small entity status. [Total Pages 29] at set forth below) of the invention see to Related Applications arding Fed sponsored R & D sequence listing, a table, program listing appendix the Invention	7. 8.1	CD-ROM or CD-R Computer Program ducleotide and/or Amino (if applicable, all necessar Computer Reada Specification Sequence i. CD-ROM i i. paper	in duplicate in (Appendia Acid Sequency) able Form (in the Listing of the CD-R (2) Tying identity in the Listing of the CD-R (2)	e, largo x) ence S CRF) n: 2 copie	e table or submission es); or sove copies
- Detailed Descri		9	Assignment Pape	ers (cover s	heet &	document(s))
Claim(s)Abstract of the	Disclosure	10	. 37 CFR 3.73(b) \$ (when there is an			Power of Attorney
4. X Drawing(s) (35 U	J.S.C. 113) [Total Sheets 10]] 11	English Translati	on Docume		•
5. Oath or Declaration	[Total Pages 2]] 12	Information Disc Statement (IDS)		L	Citations
a. X Newly exec	uted (original or copy)	13				
	n prior application (37 CFR 1.63 (d)) httion/divisional with Box 18 completed	y) 14	Return Receipt I (Should be speci			503)
	ION OF INVENTOR(S)	15	Certified Copy o	f Priority Do	cume	nt(s)
	atement attached deleting inventor(s) the prior application, see 37 CFR	16	Dogwood and Co			
1.63(d)(2)	and 1.33(b).	"	(b)(2)(B)(i). Appl			form PTO/SB/35
6. Application Data	Sheet. See 37 CFR 1.76	17	or its equivalent. Other:	Certificate	of Ex	press Mail
	CATION, check appropriate box, and	d supply the re	equisite information below	w and in a p	orelimi	nary amendment,
or in an Application Data She	eet under 37 CFR 1.76: Divisional Continuation-in-part	(CIB)	of prior application No.:09	/365,965		
Prior application information:	Examiner C. Miller	(CIF)	Group Art Unit:	374	7	
For CONTINUATION OR DIVISI	ONAL APPS only: The entire disclosure		pplication, from which an			
	f the disclosure of the accompanying corelied upon when a portion has been in					rated by reference.
19. CORRESPONDENCE ADDRESS						
Customer Number or Bar Code Label (Insert Customer Number or Bar Code La						
Name	Dennis Kelly Sullivan	Z ARK OFFICE		<u>-</u>		
	International Truck and Engine	Corporation	-	_		
Address	4201 Winfield Rd.				_	
City	Warrenville	State	IL	Zip C	Code	60555
Country	U.S.A.	Telephone	630/753-2311	Fá	ax .	630/753-3982
Name (Print/Type)	Dennis Kelly Sullivan	R	egistration No. (Attorn	ey/Agent)		26,510
Signature	Dont	U		Date		10/22/01

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ļ. That Ban L. C) PTO/SB/17 (11-00)

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

740 (\$) **TOTAL AMOUNT OF PAYMENT**

Co	mplet	if Kn wn	
Application Number	_		
Filing Date			
First Named Inventor		Ning Lei	
Examiner Name			
Group Art Unit			
Attorney Docket No.		D4840 CIP	

METHOD OF PAYMENT		FE	EE CALCULATION (continued)	
1. The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to:	3. ADDITI	ONAL FE	ES	
indicated fees and credit any overpayments to:	Large			
Account 14-0603	Entity Fee Fee		•	Ena Daid
Number Deposit	Code (\$)	Code (\$)	Fee Description	Fee Paid
Account Name International Truck & Engine Corp.	105 130	205 65	Surcharge - late filing fee or oath	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
Applicant claims small entity status.	139 130	139 130	Non-English specification	<u> </u>
See 37 CFR 1.27	147 2,520	147 2,520	For filing a request for ex parte reexamination	
2. Payment Enclosed: Check Credit card Money Other	112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
FEE CALCULATION	113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FILING FEE	115 110	215 55	Extension for reply within first month	- <u> </u>
Large Entity Small Entity	116 390	216 195	Extension for reply within second month	
Fee Fee Fee Fee Description	117 890	217 445	Extension for reply within third month	L
101 710 001 055 1000 (0)	118 1,390	218 695	Extension for reply within fourth month	
101 710 201 355 Utility filing fee 74.0	128 1,890	228 945	Extension for reply within fifth month	
107 490 207 245 Plant filing fee	119 310	219 155	Notice of Appeal	
108 710 208 355 Reissue filing fee	120 310	220 155	Filing a brief in support of an appeal	
114 150 214 75 Provisional filing fee		221 135	Request for oral hearing	
Ţ 	1	138 1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 740	140 110	240 55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES	141 1,240	241 620	Petition to revive - unintentional	
Fee from Extra Claims below Fee Paid	142 1,240	242 620	Utility issue fee (or reissue)	
Total Claims $17 - 20^{**} = 0 \times 18 = 0$	143 440	243 220	Design issue fee	
Independent 3 - 3** = 0 x 84 = 0	144 600	244 300	Plant issue fee	
Multiple Dependent = 0	122 130	122 130	Petitions to the Commissioner	
	123 50	123 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	126 180	126 180	Submission of Information Disclosure Stmt	
Fee Fee Fee Fee Fee Description Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40	581 40	Recording each patent assignment per property (times number of properties)	
102 80 202 40 Independent claims in excess of 3	146 710	246 355	Filing a submission after final rejection	
104 270 204 135 Multiple dependent claim, if not paid		2.0 000	(37 CFR § 1.129(a))	
109 80 209 40 ** Reissue independent claims over original patent	149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
110 18 210 9 ** Reissue claims in excess of 20	179 710	279 355	Request for Continued Examination (RCE)	
and over original patent	169 900	169 900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0	Other fee (sp	ecify)		
**or number previously paid, if greater: For Reissues, see above	*Reduced by	Basic Filing	Fee Paid SUBTOTAL (3) (\$)	0

SUBMITTED BY					Complete (if applicable)		
Name (PrintlType)	Dennis Kelly Sullivan	Registration No. (Attorney/Agent)	26, 510	Telephone	630/753-2311		
Signature	Dom Kanl	6		Date	10/22/01		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Lei

Attorney Docket:

D4840 CIP

Entitled:

Fuel Injector With Direct Needle Valve Control

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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DATE OF DEPOSIT:

October 22, 2001

I hereby certify that this Patent Application is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX Patent Application, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Cathi Majewski